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**MAY 13 2005**

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May 13, 2005

**VIA FACSIMILE**  
**EXPEDITED PROCEDURE**

To: Examiner Phat Cao  
Group Art Unit No. 2814  
U. S. P. T. O.

Facsimile No. 703-872-9306

From: Phillip E. Miller

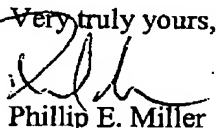
Facsimile No. 703-761-2375

Re: Filing of Second After-final Amendment  
U. S. Patent Application Serial No. 10/080,568  
Our Ref: YOR.324DIV

Dear Examiner:

Enclosed please find a Second After-final Amendment which is filed in response to the Office Action dated February 28, 2005, and which should place this case in condition for allowance.

Thank you in advance for your kind consideration of this case.

Very truly yours,  
  
Phillip E. Miller

PEM/lmb  
Enclosure

MAY 13 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Stephen M. Gates, et al.

Serial No.: 10/080,568

Group Art Unit: 2814

Filed: February 25, 2002

Examiner: Phat X. Cao

For: FORMATION OF ARRAYS OF MICROELECTRONICS ELEMENTS

Honorable Commissioner of Patents  
Alexandria, VA 22313-1450  
Box AFAMENDMENT UNDER 37 C.F.R. §1.116

Sir:

Applicant notes that this Amendment is filed prior to filing Appellant's Appeal Brief, and is substantially identical to the Amendment filed herein on February 28, 2005. Applicant respectfully submits that the claim amendments included herein clearly do not raise new issues and serve to clarify the issues on appeal. Therefore, this Amendment should be entered.

In response to the Office Action dated December 15, 2004, please amend the above-identified application as follows: